

SEQUENCE LISTING

<110> Gustafsson, Claes
Govindarajin, Sridhar
Minshull, Jeremy Stephen

<120> Systems and Methods for Biopolymer
Engineering

<130> 11548-02-999

<150> PCT/US04/024752

<151> 2004-07-30

<150> 60/536,862

<151> 2004-01-15

<150> 60/536,357

<151> 2004-01-14

<150> 60/491,815

<151> 2003-08-01

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<212> PRT

<213> Escheria coli

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<223> Escheria coli Leader Peptide

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<213> Tritirachium album Limber

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<223> Tritirachium album Limber proteinase K

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35 40 45
Pro Asp His Val Tyr Lys Asn Val Phe Ser Gly Phe Ala Ala Thr Leu
50 55 60
Asp Glu Asn Met Val Arg Val Leu Arg Ala His Pro Asp Val Glu Tyr
65 70 75 80
Ile Glu Gln Asp Ala Val Val Thr Ile Asn Ala Ala Gln Thr Asn Ala
85 90 95

2822964_1.TXT

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Asp Thr Gly Ile Glu Ala Ser His Pro Glu Phe Glu Gly Arg Ala Gln
130 135 140
Met Val Lys Thr Tyr Tyr Ser Ser Arg Asp Asn Gly His Gly
145 150 155 160
Thr His Cys Ala Gly Thr Val Gly Ser Arg Thr Tyr Gly Val Ala Lys
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Lys Thr Gln Leu Phe Gly Val Lys Val Leu Asp Asp Asn Gly Ser Gly
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Gln Tyr Ser Thr Ile Ile Ala Gly Met Asp Phe Val Ala Ser Asp Lys
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Gly Gly Tyr Ser Ser Ser Val Asn Ser Ala Ala Arg Leu Gln Ser
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Gly Ser Thr Arg Ser Ile Ser Gly Thr Ser Met Ala Thr Pro His Val
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Ala Gly Leu Ala Ala Tyr Leu Met Thr Leu Gly Lys Thr Thr Ala Ala
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<212> DNA

<213> Artificial Sequence

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<223> Artificial nucleic acid sequence encoding Tritirachium album
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